

**MINUTES
SELECTMEN'S MEETING
GRIFFIN ROOM, TOWN HALL
MONDAY, OCTOBER 19, 2015
6:30 P.M.**

APPROVED

SELECTMEN PRESENT: Brown, Cebula, Hughes, LaMantia, MacAskill

OTHERS PRESENT: Town Administrator Christopher Clark, Assistant Town Administrator Charleen Greenhalgh, Ginny Hewitt, Matt Cushing, Anne Stewart, Lynn Schweinhaut, Fran Salewski, Michael Glynn, Roseanne Clark, Barry Worth, Maggie Downey, and others.

MEETING CALLED TO ORDER at 6:30 p.m. by Chairman Hughes.

WEEKLY BRIEFING

Ms. Hewitt described the limited services of the Brooks Free Library being offered for the duration of their power outage.

CONSENT AGENDA

- A. Approve Minutes –
 - 1. September 28, 2015 Executive Session
 - 2. October 5, 2015 Regular Meeting
- B. Approve recommendation of the Interview/Nomination Sub-committee to appoint new members to Waterways Committee, Cultural Council and Traffic Safety Committee

Ms. Brown moved approval of the Consent Agenda. Mr. MacAskill seconded the motion and the motion carried by a unanimous vote.

PUBLIC HEARINGS/PRESENTATIONS *(Not earlier than 6:30 P.M.)*

- A. Annual Meetings:
 - 1. Bikeways Committee – Fran Salewski, Chair

Mr. Salewski delivered the annual report of the Bikeways Committee.

- 2. Cultural Council – Lynn Schweinhaut, Chair

Ms. Schweinhaut delivered the annual report of the Cultural Council.

- 3. Trails Committee – Matthew Cushing, Chair

Mr. Cushing delivered the annual report of the Trails Committee.

- 4. Historic District/Historical Commission – Gregory Winston, Chair

No one from the Historic District/Historical Commission appeared before the Board.

B. Cape Light Compact Update – Margaret Downey

Maggie Downey provided the attached presentation to the Board entitled “Cape Light Compact Update: The Next Energy Efficiency Plan and Smart Grid.” She and Mr. Worth took questions and comments from the Board. Mr. Hughes asked that an organization chart be provided as well as the number of customers served under the Compact’s energy efficiency programs. Ms. Downey noted that the information is online but said she would forward it.

NEW BUSINESS

A. 6th Revised and Amended Revision to the Intergovernmental Agreement – *discussion and possible vote*

Mr. Worth stated that the proposed changes to the Intergovernmental Agreement are not significant but rather are just updating and putting things in modern terms. He noted that the most significant change is the addition of the job description for the Compact Administrator position currently held by Ms. Downey. He stated that the Agreement will be coming to the Compact’s board in November for approval. Ms. Downey stated that the majority of the changes come right out of the Aggregation Plan. Chairman Hughes asked that a clean copy be provided. Mr. LaMantia requested a summary of the changes as well. There was discussion about a legal opinion from Attorney Giorgio regarding the Town’s representative having the authority to act as the Town in authorizing changes to the document. Chairman Hughes requested that this item be brought back with Mr. Giorgio’s opinion and a clean copy of the proposed Agreement. Ms. Downey said she would prepare a summary memo of the proposed changes. Chairman Hughes said the item would be brought back in two weeks.

B. Wastewater Educational Moment – Joint meeting of Chatham/Harwich Wastewater Sub-committee – *discussion*

Mr. MacAskill reported that he and Mr. LaMantia met with the Chatham Wastewater Subcommittee and went over the draft Inter-Municipal Agreement. He noted that Chatham was very receptive to the idea and they wanted a 10% down payment. He said that it was left that Mr. Clark would meet with Jill Goldsmith, Chatham Town Manager, to discuss questions he had pertaining to O&M costs and getting actual numbers rather than projected ones. Mr. LaMantia said he was very pleased with the meeting and both towns are trying to make it work. He noted that only a few residents were present and they were interested in the potential recharge sites. Mr. LaMantia suggested having the Wastewater Implementation Committee look at Chatham’s Wastewater Regulations and he asked that Mr. Clark share them with the permitting departments as well.

C. Extension for Family Pantry License Agreement for use of town land located at 133 Queen Anne Road – *discussion and possible vote*

Mr. Clark reported that this is a five year license agreement that has a provision for an additional five years. He noted that the five years is coming up in December. Ms. Cebula moved to extend the license agreement for the Family Pantry for another 5 years. Mr. LaMantia seconded the motion and the motion carried by a unanimous vote.

D. Engagement Letter for audit services from Lynch, Malloy, Marini, LLP – *discussion and possible vote*

Chairman Hughes recommended changing the auditing firm we use at some point. Ms. Cebula moved to accept the engagement letter for audit services from Lynch, Malloy, Marini, LLP. Mr. LaMantia seconded the motion and the motion carried by a unanimous vote.

Charleen Greenhalgh introduced herself as the new Assistant Town Administrator and said she is truly delighted to be here. The Board welcomed her and Chairman Hughes said he would be happy to help her with anything she needs.

TOWN ADMINISTRATOR'S REPORT

A. Brooks Free Library electrical issues

Mr. Clark reported that he met with the Facilities Maintenance Director Sean Libby and Building Commissioner David Riquinha today regarding the electrical issues at the Library. He noted that Mr. Libby relayed to him that the Library was confronted with an issue several years ago where each of their lights had a provision where some of the bulbs would act as emergency lights and some would provide general lighting and anytime one of those ballasts went out it was exceptionally expensive to change it out so they engaged the services of an electrical engineer to assist them in what to do in terms of providing a replacement and at the recommendation of the electrical engineer in 2012 an inverter system was put in. He explained that the inverter acts as the circuit breaker to direct the power to the main lights or to the emergency lights so now we can change out the expensive ballasts with the more reasonable ballasts and the inverter does the work. He noted that something happened in which some of the circuit boards that run the inverter got burnt up and the problem is the inverter acts as the bypass. He stated that there is a Field Technician coming out on Friday to do an assessment. He noted that the Building Commissioner has stated that we can't have a Certificate of Occupancy for a place of assembly without emergency lighting so we are in a scaled down mode where the Library has to take other measures until we can get the inverter corrected. He stated that the batteries that go with the system are good for 7 years and since the system was installed in 2012, we won't have an opportunity to make any changes until 2019 and there will be a cost at that point. The Board spoke briefly about the columns at the Library and Chairman Hughes stated that if the Historic District Commission does not endorse fiberglass reinforced plastic, he has no interest in moving forward with the project.

ADJOURNMENT

Chairman Hughes adjourned the meeting at 8:29 p.m.

Respectfully submitted,

Ann Steidel
Recording Secretary

Cape Light Compact Update:

The Next Energy Efficiency Plan and Smart Grid



Agenda for Presentation



- 2016-2018 Energy Efficiency Plan – Enhanced offerings and new opportunities
- Grid Modernization

Cape Light Compact



- 21 towns and 2 counties on Cape Cod and Martha's Vineyard working together to serve customers through delivery of:
 - proven energy efficiency programs
 - effective consumer advocacy
 - competitive electricity supply and green power options
- Model for other community choice aggregation programs in MA and nationally
- DPU approved the updated Aggregation Plan in May 2015



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Background on 3-Year Energy Efficiency Plan



- 2008 Massachusetts Green Communities Act (GCA) mandates *“electric and natural resource needs shall first be met through all available energy efficiency and demand reduction resources that are cost effective or less expensive than supply.”*
- The Compact works collaboratively with seven other statewide Program Administrators (PAs) to provide cost-effective energy efficiency programs. These programs are most commonly known as Mass Save®.
- As a result of the GCA, the seven statewide PAs have very aggressive savings goals that need to be met.
- 2016-2018 is the third 3-year Energy Efficiency Plan filed by the Compact.
- The Compact has held several Community Outreach Forums since May to seek customer input

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Overview of Compact Programs



Residential	Low-Income	Commercial & Industrial
Non Low-Income - (61% or greater of state median income)	Up to 60% state median income	Businesses – including non-profits, churches, etc.
Multi-Family – 5+ units on property	Fuel Assistance recipients	Industrial
	Customers who receive other low-income benefits	Municipal

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Current Compact Residential Programs



1. Chimney Balloon
\$35 rebate A removable, reusable, and durable device that helps to stop airflow, odor, and debris from flowing through your chimney.

Cape Light Compact's Home Energy Assessment
Includes Free energy efficient light bulbs, Free air sealing, and will cover 75% of the cost up to \$4,000 to install recommended insulation for eligible homes. Please call (800) 797-6699 to schedule your free home energy assessment today!
Additional benefits for income qualified customers.

6. Solar Domestic Hot Water
\$500-1500 rebate for solar domestic hot water heating systems. Rebate amount depends on number of household members. Pre-approval required and must replace electric hot water heater.

2. Heating Systems, Controls, & Water Heaters
\$100-1200 rebate* for oil & propane heating systems.

Mass Save® HEAT Loan Program
The HEAT Loan Program provides loans up to \$25,000 with 0% interest and terms up to 7 years for approved measures.** To apply for the loan you must own a one to four-family home and have a home energy assessment. To view eligibility requirements, please visit www.capecompact.org/heat.

7. Appliances
\$50 rebate for recycling your second refrigerator or freezer.
\$50 rebate for a new ENERGY STAR® Most Efficient qualified refrigerator.
\$20 rebate for a new ENERGY STAR® qualified freezer.
\$40 rebate for an ENERGY STAR® Room Air Cleaner.

3. Central Air Conditioning
\$250-500 rebate for central cooling and mini-split heat pump systems.

4. Efficient Thermostats*
limit 2 per customer (oil & propane)
\$25 rebate for 7-day programmable thermostat.
Up to \$100 rebate for Wi-Fi thermostat with Wi-Fi Connection enabled.

8. Dehumidifier \$30 rebate on ENERGY STAR® certified dehumidifiers.

5. Heat Pump Water Heaters \$750 rebate for qualified electric hot water replacements.

9. Clothes Dryer
\$50 rebate for ENERGY STAR® certified electric clothes dryers.

*Natural gas equipment related rebates are available through GasNetworks at www.gasnetworks.com.

**Subject to lender approval.

www.capecompact.org/ResRebates

Additional Programs:

- New Construction
- Multi-Family
- Lighting & Products

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Enhanced Residential Home Energy Services Offerings



Home Energy Services provides energy audits for existing 1-4 family homes that provides recommendations for insulation (also called weatherization) and air sealing as well as installations for efficient lighting to replace inefficient ones.

Continue Current CLC Enhancements

75% up to \$4,000 for weatherization

100% up to \$4,000 for:

- Customers between 61-80% of state median income
- Year-round tenants (who pay own electric bill)

Serve customers with natural gas heated homes who prefer to be served by the Compact, in addition to homes that heat with other fuels (electricity, oil, propane, wood, etc.)

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Enhanced Residential Offerings



Cape Light Compact buys down the interest on loans for efficiency improvements in existing residential dwellings that participate in the home energy assessment and have qualifying measures. The loan is 0%, 2-7 years, and between \$500-\$25,000. Banks do the qualification. No work can be done until approval has been completed.

- HEAT Loan – interest bought down by the Compact

Current HEAT Loan Offering	Proposed Compact HEAT Loan Offering
0% interest loan for eligible energy efficiency improvements	Maintain 0% interest or have sliding scale for interest based on income
	Create financing option for customers not eligible due to low credit scores

- Consider offering incentives to reduce usage during peak days in the summer to decrease costs

Enhanced Residential Multi-Family (5+ units on a property) Offerings



- Currently the Compact weatherizes:

Condo/apartments		<u>Heating Fuel Type</u>	
✓		✓	Electric (Gas through NGRID)
		✗	Oil/Propane

- Propose to weatherize oil/propane heated facilities
- Enhanced benefits for increased participation at multi-family sites

Low-Income Residential Offerings



Statewide, low-income qualification is done through the gas and electric discount rates and fuel assistance. Cape Light Compact found that some people qualified for these services but were not on the rate; therefore, we offered our own verification to access energy efficiency services.

- Continue Compact-specific income verification for low-income customers

Household Members	60% State Median Income (SMI)
1	\$32,618
2	\$42,654
3	\$52,691
4	\$62,727

Commercial & Industrial Programs



	Small (<100,000 kWh)	Medium (100,000 – 1M kWh)	Large (>1M kWh)
# of Customers	>17,000	>1,100	<90
% of Customers	~94%	~5%	<1%
% of C&I Load	~32%	~38%	~30%



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Small Business Programs



Using Compact Installer	Current Small Commercial Program	Proposed Small Business Program
Eligible Customers	<300 kW per year	<100,000 kWh per year
Incentive*	Up to 80%	Up to 80%-90%
Assessment	<ul style="list-style-type: none"> • Site specific screening • No instant savings measures • Proposal sent to customer 1-2 weeks following assessment • Installations completed 	<ul style="list-style-type: none"> • Instant savings measures available at time of assessment (i.e. lighting & smart strips) • Proposal given at time of assessment • Installations completed

**Custom & prescriptive incentives available for using your own installer*

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Medium Business Programs



Current Medium Commercial Program	Proposed Medium Business Program
> 300 kW annual demand	100,000 kWh – 1 million kWh annually
Use your own installer	Use Compact installer? Own installer?
Custom applications – up to 50% incentive	Incentive?
Prescriptive applications – 70% average incentive	Roll-out phasing of programs designed for specific industries (lodging, grocery, healthcare, etc.)
	Access to industry experts for segment specific measures



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Large Business Programs



- New and Enhanced Benefits:
 - Dedicated Compact staff liaison
 - Site-specific energy needs better served
 - Develop short/long term efficiency plans
 - Minimum 50% incentive for eligible measures



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Enhanced C&I Programs



- Municipalities – 7% of total C&I customers
 - Incentives (up to 100%) for equipment maintenance training to ensure savings

- Non-profits
 - Governing Board is discussing offering enhanced incentives to non-profits meeting certain criteria

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Calendar of Events



Date (all 2015)	Action
April 30	Compact & all PAs submitted draft 2016-2018 Statewide EE Plan
May – September	Meetings/outreach to community on Compact specific proposed offerings
September 18	Second draft of Plan due
September-November	Presentations to Boards of Selectmen/Town Council/County Commissioners
October 31 (on or before)	Compact & all PAs file final 2016-2018 Statewide EE Plan with Department of Public Utilities

We Want Your Feedback:

- Cape Light Compact’s online survey – www.capelightcompact.org/eeplan

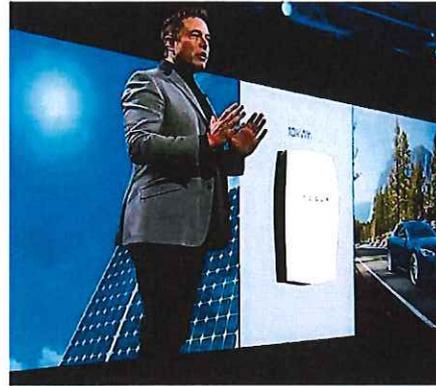
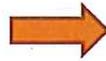
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Grid Modernization



What are we talking about?

- The “smart grid” or grid modernization = use of increased remote data collection and automation to increase efficiency of grid, allow for two-way power flows (not just generator-> user), and increase reliability



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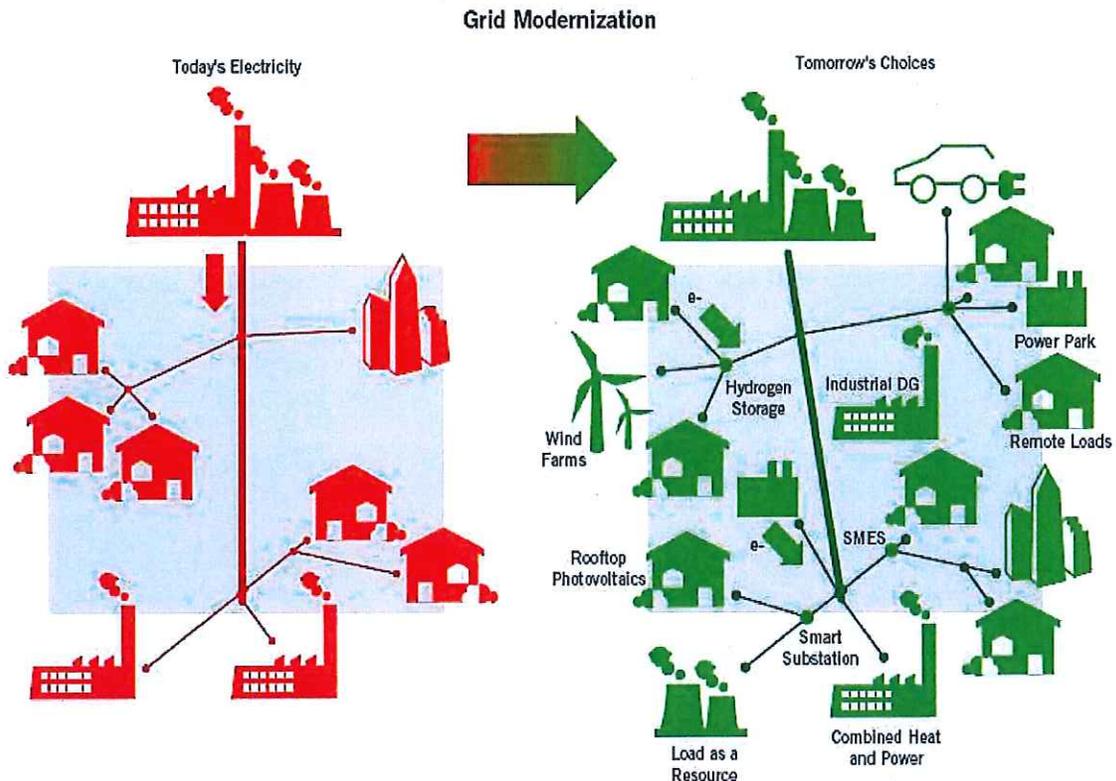


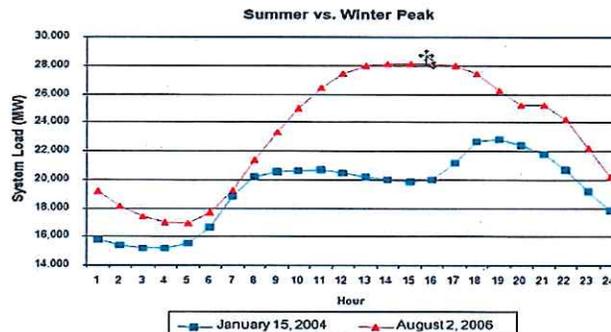
Fig. 1. The IEEE's version of the Smart Grid involves distributed generation, information networks, and system coordination, a drastic change from the existing utility configurations.

DPU – Grid Mod Objectives



1. Reduce the effect of outages
2. Optimize demand, which includes reducing system and customer costs
3. Integrate distributed energy resources
4. Improve mobile workforce and asset management

New England
all-time peak
demands –
average 2014
load ~ 14,500
MW



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Utility Approaches



- Eversource
 - Focus on grid-facing technologies
 - Strong emphasis on reliability
 - Not convinced residential/small business customers will benefit from TOU/advanced metering
 - Point out that – 2% of their customers = 80% of C&I usage, and 80% of their customers = 6% of C&I usage
- National Grid
 - Calls their plan “utility of the future”
 - Want to be “platform provider” – like iPhone analogy
 - More of an all of the above approach
 - AMI for ~ 15,000 in Worcester
 - Exploring batteries as well

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What Could This Mean for the Cape?



- Power supply – TOU?
- Greater focus on kW vs. kWh
- Geo-targeting
- Integration of renewables
- Energy storage (batteries)
- EVs?
- **Crucial question – metering/data availability?**



http://acadiacenter.org/wp-content/uploads/2015/02/AcadiaCenter_UtilityVision_WebView_S.pdf 12

Next Steps for the Compact



- Communicate Compact's position on Grid Mod to Eversource
- Participate in Eversource's Grid Mod Plan at the DPU – which was filed in August 2015
- Explore ways the Compact can integrate Grid Mod components into its energy efficiency programs
- Collaborate with other Cape and Vineyard Stakeholders on Grid Modernization

Related Documents - October 19, 2015 BOS Meeting

- 01 Agenda.pdf
- 02 Minutes October 5.pdf
- 03 Appointments.pdf
- 04 Annual Meeting - Bikeways.pdf
- 05 Annual Meeting - Cultural Council.pdf
- 06 Cape Light Compact Update.pdf
- 07 Cape Light Compact IGA Revision.pdf
- 08 Family Pantry Agreement Extension.pdf
- 09 Lynch, Malloy, Marini - Audit Services.pdf